



## **STATEMENT OF WORK (SOW)**

### **U.S. Probation – Michigan Eastern District Conference/Training/Break Rooms AV Upgrade**

#### **BACKGROUND INFORMATION**

The U.S. Probation Department – Michigan Eastern District had AV equipment installed in their ninth floor conference room in April of 2016. Since that time a courthouse renovation project has been started and the entire ninth floor is currently undergoing construction and redesign. As part of the redesign, the conference room is being relocated. The conference room will now be located on the south side of the interior courthouse and will have an adjacent break room and training room. The probation conference, break and training rooms are located at 231 W. Lafayette Blvd, Detroit, Michigan, 9<sup>th</sup> Floor Conference Room.

#### **OBJECTIVE**

The purpose of this Statement of Work (SOW) is to provide the District Court with proposals on utilizing as much of the existing AV equipment that was installed in 2016 in the conference room as possible as well as additional equipment design and programming for the training room and break room. The Court will conduct a walkthrough of the Probation conference room on **Friday August 11, 2017 @10:00 AM** and is asking contractors to attend. The Court will discuss the equipment and services requested on attachments.

#### **SCOPE OF WORK**

The U.S. District Court – Michigan Eastern District's standard for AV equipment has been to use Crestron, Biamp and Extron. Equivalent equipment can be quoted and will be considered. Equivalent equipment quotes must be submitted with documentation and specifications on how the equipment conforms to existing installs and programming.

**The project start date will be mid to late September 2017. Award winning contractor must be able to commit to this time frame for consideration. Please include availability with quote.**

The existing conference table will be not used and new table will be purchased. Court will be responsible for installation of electrical requirements and holes cored in floor.

The Court will require that overall system design and programming layout be submitted for approval prior to the beginning of the installation in the courtroom.

Probation Conference/Break/Training Rooms and AV Upgrade:

**ATTACHMENT A – Existing Equipment**

**ATTACHMENT B – New Equipment and Programming**

**ATTACHMENT C – Current Drawings & Diagrams**

**ATTACHMENT D – New Conference/Break/Training Room Drawing**

**ATTACHMENT E – Autocad DWG File will be provided upon request**

1. Contractor walkthrough on **Friday August 11, 2017 @10:00 AM** in Detroit Michigan.
2. Quote due on **Wednesday August 23, 2017 @5:00 PM**
3. Quotes must include amount of time needed to complete the project.
4. Review of Quotes and Awarding of contract (Subject to the Availability of Funds)
5. Overall system design and programming layout submitted for approval.
6. Installation and programming of equipment (to be approved by COTR)
7. Testing of Equipment and control system (to be approved by COTR)
8. Confirm ALL items listed on Attachment A (and any and all amendments to Attachment A) have been addressed and completed.
9. Training IT and probation personnel on the use of the equipment.
10. Power Point or equivalent presentation on courtroom operation.
11. Project sign off on completion of conference room by Probation Chief Anthony Merolla

## **SECURITY REQUIRMENTS**

The contractor shall provide competent personnel to perform services under this contract. Work shall be performed in accordance with the best commercial practices, without unnecessary delays or interference with the Court's mission or functions. The Contracting Officer (CO) and the Contracting Officer's Technical Representative (COTR) reserves the right to judge the adequacy of the services provided, and may require the contractor to replace the support resource(s), if deemed inadequate. Formal security clearances are required prior to the start of any work. Personnel contracted by the Courthouse to provide services covered under this contract will be subjected to security background checks and U.S. Marshal daily inspections when entering the Courthouse. The contractor shall be responsible for completing a contractor clearance document for the contractor's employees performing said services. Upon completion, the document should be returned via fax or email to the Contracting Officer, Bill Truskowski, at 313-202-5843. This document enables the Court to complete a background check on the worker(s) provided by the contractor. The document MUST be completed prior to the contract work start date. Under no circumstances shall any court data and/or property be taken or removed from the court.

## **DOCUMENTATION REQUIREMENTS**

The Contracting Officer (CO) will issue the winning bidder a purchase order based on the Statement of Work. The Court's purchase order will be the ONLY governing document for the procurement of goods and services from the contractor. The contractor shall be responsible for providing an invoice billed to the Court with net 30 day payment terms. The Court does not pay for services prior to them being rendered. Upon receipt of the invoice by the Court, and verification that work has been completed by the Court's Technical Representative, payment will be rendered to the contractor for the specified amount.

## **CONTRACT CLAUSES**

Once the Award has been made, the Court reserves the right to cancel the contract with the contractor for failure to complete the work as specified in this agreement. The person(s) assigned by the contractor to perform the specified work shall not be deemed a U.S. District Court Employee, but shall be an employee of the contractor. The contractor warrants that its employees are adequately covered by workers compensation insurance and that it assumes total responsibility to pay all applicable federal, state and local withholding taxes and unemployment taxes, as well as social security, state disability insurance and all other payroll charges. The contract further warrants that the person(s) performing the work are certified and knowledgeable enough complete the work as specified in the statement of work. Other pertinent information will be provided to the contractor upon acceptance of the winning bid proposal. This information will include the following: 1) exact start and end time of daily work hours, 2) miscellaneous information (example: driving directions, and parking information).

## **CONTRACT MANAGEMENT**

The administration of this contract will require coordination between the contracting officer, the COTR, and the contractor. The individuals cited below will be the court's primary points of contact during the performance period. In no event shall any understanding or agreement, modification, change order, or other matter in deviation from the terms of this contract between the contractor and a person other than the contracting officer be effective or binding upon the Court. All such actions must be formalized by a proper contractual document and signed by all parties.

**CONTRACTING OFFICER:** All administration of this contract will be effected by the contracting officer:

Bill Truskowski – Procurement Officer  
United States District Court  
231 West Lafayette Blvd – Room 827  
Detroit, MI 48226  
Phone: 313-234-5362  
Fax: 313-202-5843  
Email: [william\\_truskowski@mied.uscourts.gov](mailto:william_truskowski@mied.uscourts.gov)

Written communications shall make reference to the contract title and shall be mailed to the above address. The contracting officer is authorized to certify invoices for payment in accordance with the terms of this contract.

**CONTRACTING OFFICER TECHNICAL REPRESENTATIVE (COTR):**

The COTR for this contract is:

Jay Theisen – Systems Manager  
United States District Court  
231 West Lafayette Blvd.  
Detroit, MI 48226  
Phone: 313-234-2618  
Email: [james\\_theisen@mied.uscourts.gov](mailto:james_theisen@mied.uscourts.gov)

Upon award, the COTR will be responsible for coordinating the installation and performance of services with regards to this contract. **However, the COTR shall not be authorized to change any terms and conditions of the resultant contract, including, but not limited to, price.**

Responsibilities of the COTR include:

1. Monitoring the performance of the contractor's employee(s) under the contract to ensure compliance with the contract requirements.
2. Ensuring that changes in work under the contract are not initiated before written authorization or modification is issued by the contracting officer.
3. Providing interpretation of the meaning of project specifications.
4. Accepting the contractor's equipment and services.

## LIMITED USE OF DATA

Performance of this contract may require the contractor's employee(s) to access and use data and information proprietary to the government, which is of such a nature that its dissemination or use, other than in performance of this contract, would be adverse to the interest of the government and/or others. The contractor and/or contractor personnel shall not divulge or release data or information developed or obtained in performance of this contract. The contractor and its employees shall not use, disclose, or reproduce proprietary data other than as required in the performance of this contract.

## PLACE OF PERFORMANCE

Delivery of equipment/services reflected on this contract shall be performed at the U.S. District Court, 231 W. Lafayette Blvd, Detroit, MI 48226, 9<sup>th</sup> Floor Conference Room. Work will be performed during hours that do not impact the activities of the Court or adjacent rooms. Performance may take place during normal work hours (8:00 am to 5:00 pm). However, installation must be restricted to dates that will not interfere with the Probation's schedule. Dates will be provided to the contractor upon successful award of contract.

## TYPE OF CONTRACT

This contract shall be awarded on a **Technically Sound/Best Price and Past Performance Basis**. The awarding of this contract is subject to the availability of funds and approval from our Chief Judge. Winning contractor must be available to meet with construction and millwork contractor to review and discuss any and all AV equipment needs for the modification and construction of witness box, lectern and attorney tables.

## PROPOSAL DUE DATE

Proposals are due no later than **Wednesday August 23, 2017 @5:00 PM**. Offers will be subject to FAR 52.214-7, "Late Submissions, Modifications, and Withdrawal of Bids".

Submit a copy of the proposal, via email or fax to:

Bill Truskowski – Contracting Officer  
United States District Court  
231 West Lafayette Blvd – Room 827  
Detroit, MI 48226  
Phone: 313-234-5362 Fax: 313-202-5843  
Email: [william\\_truskowski@mied.uscourts.gov](mailto:william_truskowski@mied.uscourts.gov)

## **Products and Services Detail**

### **Probation Conference Room Head End Rack**

<b><u>Line #</u></b>	<b><u>Model #</u></b>	<b><u>Type</u></b>	<b><u>Mfg</u></b>	<b><u>Description</u></b>	<b><u>Qty</u></b>
1	DMPS3-300-C	Equ	CRESTRON	3-Series® DigitalMedia™ Presentation System 300	1
2	PW-4818DU	Equ	CRESTRON	90W PoDM Power Pack for DMPS	1
3	TesiraFORTE VI	Equ	BIAMP	TesiraFORTE DSP fixed I/O server with 12 analog inputs, 8 analog outputs, 8 channels configurable USB audio, Sona™ Acoustic Echo Cancellation (AEC) technology (all 12 inputs), and 2 channel VoIP interface	1
4	CSA180Z	Equ	JBL	1 x 80W DriveCore Amplifier, Fanless, 40/80/70V/100V, 1U Half-Rack, Mounting kit	1
5	CONTROL 24CT	Equ	JBL	4 CEILING SPKR W/X-FORMER (2 PER CTN)	4
6	DBT1713UD	Equ	DENON PRO	Universal Audio / Video Player	1
7	CUSTOM	Equ	MIDDLE ATLANTIC	Power/Hardware Budget for OFE Rack	1
8	CTS-SX80-IP40-K9	Equ	CISCO	Cisco SX80 Codec, Precision 4x Cam, Touch 10	1
9	CON-PSRN-CTSSX84X	Equ	CISCO	PRTNR TP VID 8X5XNBD Cisco SX80 Codec, Prec4xCam T10TabMic60	1

### **Conference Room Table**

<b><u>Line #</u></b>	<b><u>Model #</u></b>	<b><u>Type</u></b>	<b><u>Mfg</u></b>	<b><u>Description</u></b>	<b><u>Qty</u></b>
10	FT-TS600-B	Equ	CRESTRON	FlipTop™ Touch Screen, Black Anodized	1
11	CBLR2-HD	Equ	CRESTRON	Cable Retractor for FlipTops™, HDMI®	1
12	CBLR2-VGA	Equ	CRESTRON	Cable Retractor for FlipTops™, VGA	1
13	CBLR2-AUDIO	Equ	CRESTRON	Cable Retractor for FlipTops™, Audio	1
14	CBLR2-CAT5E	Equ	CRESTRON	Cable Retractor for FlipTops™, CAT5e	1
15	FTA-PWR-102	Equ	CRESTRON	FlipTop™ AC Power Outlet Module, Dual, US NEMA 5, Type B	1
16	DM-TX-201-C	Equ	CRESTRON	DigitalMedia 8G+® Transmitter 201	1
17	MX396/C-TRI	Equ	SHURE	Tri-Element Mic, Adjustable to 300 Degrees or 360 Degrees Coverage, Back or Bottom Exit Cable, Mute Output, LED Input, require three mixer channels	2
18	MX396/C-DUAL	Equ	SHURE	Dual-Element 0-180 degree, Back or Bottom Exit Cable, Mute Output, LED Input, requires two mixer channels	1

**Conference Room Display**

<u>Line #</u>	<u>Model #</u>	<u>Type</u>	<u>Mfg</u>	<u>Description</u>	<u>Qty</u>
19	E805	Equ	NEC	E805 - 80" LED LCD Public Display Monitor, 1920 x 1080 (FHD), 350 cd/m2 panel, Full bidirectional LAN/RS-232 Control, HDMI x2, DisplayPort, DVI-D, VGA, OPS Option Slot, Integrated 10W x 2 speakers, 3 year standard warranty, Stand not included.	1
20	XTM1U	Equ	CHIEF	Micro-Adjust Tilt Wall Mount, X-Large	1
21	DM-RMC-SCALER-C	Equ	CRESTRON	DigitalMedia 8G+® Receiver & Room Controller w/Scaler	1

TESIRAFORTE AVB CI - BIAMP TesiraFORT DSP fixed I/O server with 12 analog inputs, 8 analog outputs, 8 channels configurable

232-ATSC 4- CONTEMPORARY RESEARCH Module with Rack Mount

C2N-IO - CRESTRON Control Port Expansion Module

<u>Line #</u>	<u>Model #</u>	<u>Type</u>	<u>Mfg</u>	<u>Description</u>	<u>Qty</u>	<u>Discounted</u>	<u>Extended</u>
1	FT-TS600-B	Equ	CRESTRON	FlipTop™ Touch Screen, Black Anodized	1	\$1,420.45	\$1,420.45
2	CBLR2-HD	Equ	CRESTRON	Cable Retractor for FlipTops™, HDMI®	1	\$255.68	\$255.68
3	CBLR2-VGA	Equ	CRESTRON	Cable Retractor for FlipTops™, VGA	1	\$255.68	\$255.68
4	CBLR2-AUDIO	Equ	CRESTRON	Cable Retractor for FlipTops™, Audio	1	\$255.68	\$255.68
5	CBLR2-CAT5E	Equ	CRESTRON	Cable Retractor for FlipTops™, CAT5e	1	\$255.68	\$255.68
6	FTA-PWR-102	Equ	CRESTRON	FlipTop™ AC Power Outlet Module, Dual, US NEMA 5, Type B	1	\$90.91	\$90.91
7	DM-TX-201-C	Equ	CRESTRON	DigitalMedia 8G+® Transmitter 201	1	\$738.64	\$738.64



## **ATTACHMENT B**

### **Probation – Conference/Break/Training Rooms AV Upgrade**

- The U.S. District Court – Michigan Eastern District’s standard for courtroom AV equipment has been to use Crestron, Biamp and Extron. Equivalent equipment can be quoted and will be considered. Equivalent equipment quotes must be submitted with documentation and specifications on how the equipment conforms to existing installs and programming.
- System to be thoroughly tested and vetted by AV contractor before handoff to court.
- Court to receive ALL source code and must approve ALL programming code
- Presentation (PPS or equivalent) that can be provided to Probation for operational purposes.
- An Xpanel.exe of the control panel needs to be provided by contractor.
- Sign off on conference room completion by Probation Chief Anthony Merolla.

#### **Main Conference Room**

- Utilize existing equipment where applicable
- Reprogram Touchscreens to be more user friendly, including updated sx80 controls and better voip integration
- Add audio/video output and control option to output to Galley/Training room

#### **Main conference room audio**

- Replace hardwired mics with wireless microphones. Requirements and model to be determined at walkthrough.

#### **Galley**

- 3 TV's with mounts
- Small/Simple control system and matrix that can turn on TV's and choose from 5 hdmi (analog audio optional) inputs with individual audio control for TV's if possible. This will be located on counter in the galley and should output to all 3 TV's. Inputs aside from Conference room feed will be TBD, e.g. apple tv, bluray player, etc.

#### **Training Room**

- Large main TV and smaller secondary TV with swivel mount in middle of room (sizes TBD at walk through).
- Small/Simple control system and matrix that can turn on TV's and choose from 5 hdmi (analog audio optional) inputs with individual audio control for TV's if



possible. This will be located at training desk. Inputs aside from Conference room feed will be training computer and Bluray player, and misc.

**Option 1: Training Room video change**

- Install 84" Surface Hub in Training room instead of standard TV. Various inputs and outputs including conference room feed and cable retractor inputs should remain the same. Skype/Office infrastructure for Hub to be provided by MIED.
- Video output of Surface hub to be duplicated on secondary TV on wall.

**Option 2: Main Conference room video change**

- Install 84" Surface Hub in Main Conference room instead of already existing TV. Various inputs including reprogramming would remain the same, unless a better solution is determined at walk through. Skype/Office infrastructure for Hub to be provided by MIED.
- Video/audio outputs would still need to be extended to Galley/Training Room

# US DISTRICT COURT

US DISTRICT - MI EASTERN DISTRICT  
231 W. LAFAYETTE BLVD  
DETROIT, MI 48226

PROBATION CONFERENCE ROOM  
FINAL SYSTEM DRAWINGS - JANUARY 8, 2016

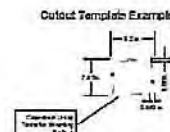
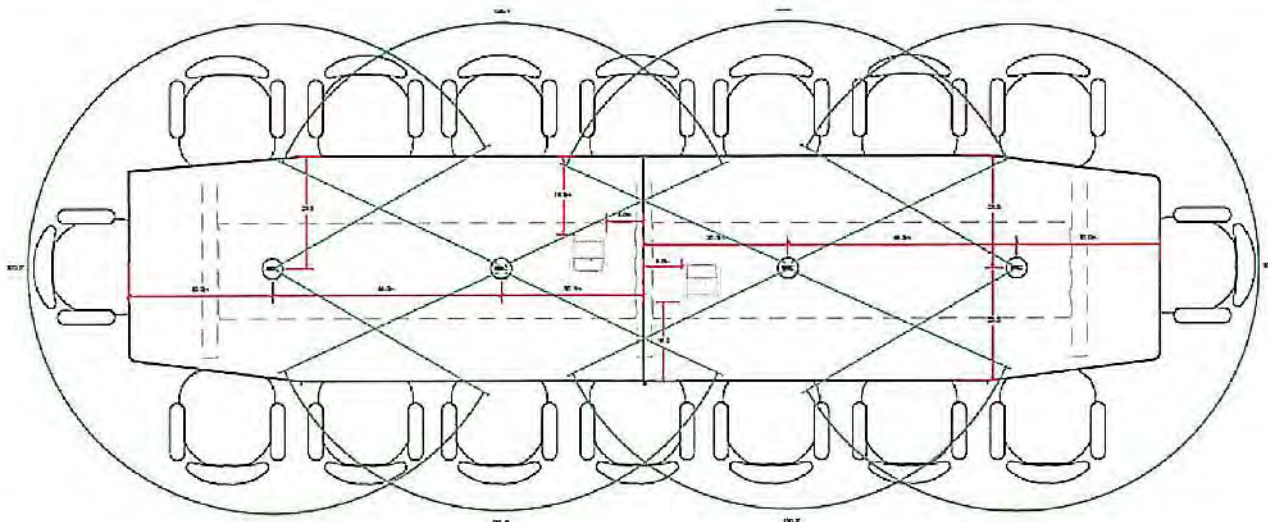


AVI PROJECT #: 915231



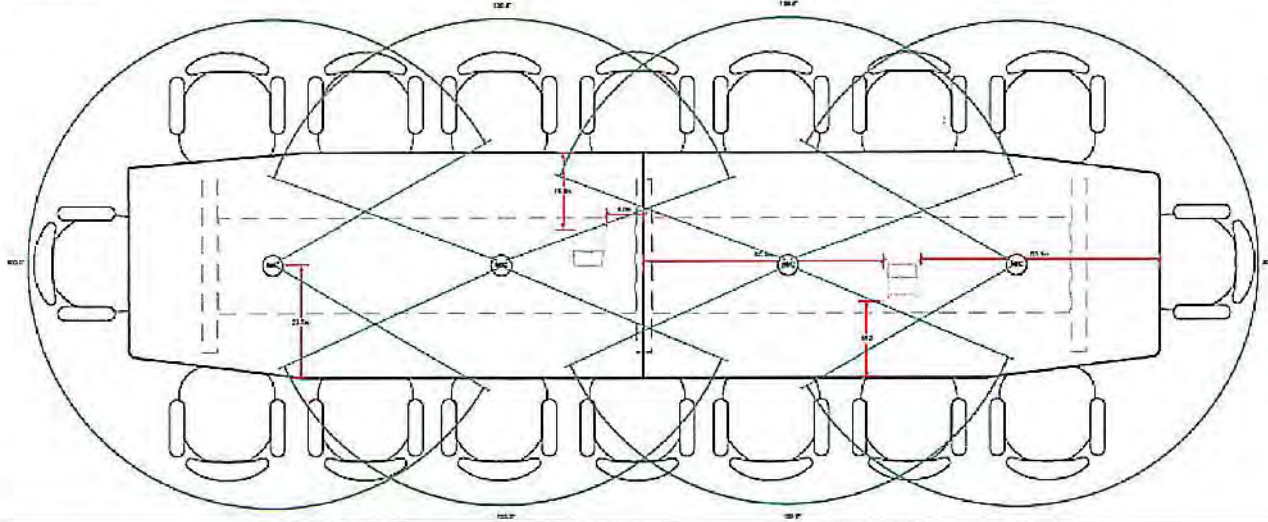






**USDC Probation Conference Rm**  
 Table Cable Cubby/Touch Screen/Mic Layout w/Pickup Patterns -  
 Recommended (top) / Alternate (bottom)  
 (Please sign the accepted layout version or red line drawings with requested changes)

Top Version Drawing Accepted - Name: \_\_\_\_\_ Signed: \_\_\_\_\_ Date: \_\_\_\_\_  
 Bottom Version Drawing Accepted - Name: \_\_\_\_\_ Signed: \_\_\_\_\_ Date: \_\_\_\_\_



**AVI**  
 DETROIT  
 37266 HAGGERTY ROAD, SUITE C2  
 FARMINGTON HILLS, MI 48331  
 PHONE: 248-887-6160 FAX: 248-887-6161  
 www.avisystems.com

AV SYSTEM DESIGNED & ENGINEERED FOR:

**US DISTRICT COURT**

MI EASTERN DISTRICT  
 231 W. LAFAYETTE BLVD  
 DETROIT, MI 48226

- PROPOSAL     INTEGRATION
- SUBMITTAL     AS BUILT
- PRELIMINARY     OTHER:

#	DATE	DESCRIPTION
1	09/28/13	ADDED 2ND DUAL MIC & TUNER
2	11/02/13	ADDED SHAMPELIERA C1 & RACK
3	11/02/13	ADDED TABLE LA VOLT
4	11/18/13	ADDED PITCH MATCH CABLES
5	11/18/13	INTEGRATION
6	12/11	AS BUILT

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ISSUE: AS BUILT  
 CLIENT: US DISTRICT COURT  
 PROJECT #: 615231  
 ERO DESIGNER: SM  
 CURS PEER: R. DELANEY  
 CHECKED BY:  
 SCALE:  
 SYSTEM ID #:  
 FILE NAME: 615231\_FLANS

PROJECT NAME:  
**PROBATION CONFERENCE ROOM**  
 SHEET TITLE:  
**TABLE LAYOUT**  
 DVD NUMBER:  
**AV100**





DETROIT

27200 HAGGERTY ROAD, SUITE C2  
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AV SYSTEM DESIGNED & ENGINEERED FOR:

US DISTRICT COURT

MI EASTERN DISTRICT  
231 W. LAFAYETTE BLVD  
DETROIT, MI 48226

- PROPOSAL       INTEGRATION
- SUBMITTAL       AS BUILT
- PRELIMINARY       OTHER:

#	DATE	DESCRIPTION
1	09/28/13	ADDED 2ND DUAL HDG & TUNER
2	11/02/13	ADDED BIAMP/FEEDBACK CI & RACK
3	11/02/13	ADDED TABLE LAYOUT
4	11/02/13	ADDED INTEGRATION DETAILS
5	11/05/13	INTEGRATION
6	11/11/13	AS BUILT

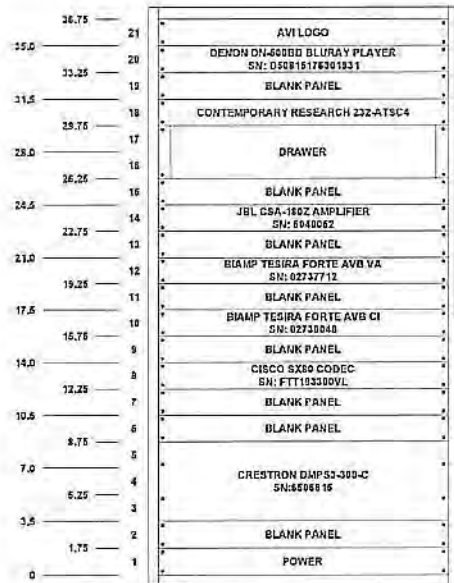
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 CLIENT: US DISTRICT COURT  
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 ENGINEER: SB  
 DRAFTER: K. CELANEY  
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 SCALE:  
 SYSTEM ID:  
 FILE SAVE AS: 113231\_PLANS

PROJECT NAME:  
**PROBATION  
 CONFERENCE ROOM**

SHEET TITLE:  
**RACK LAYOUT**

DWG NUMBER:  
**AV500**



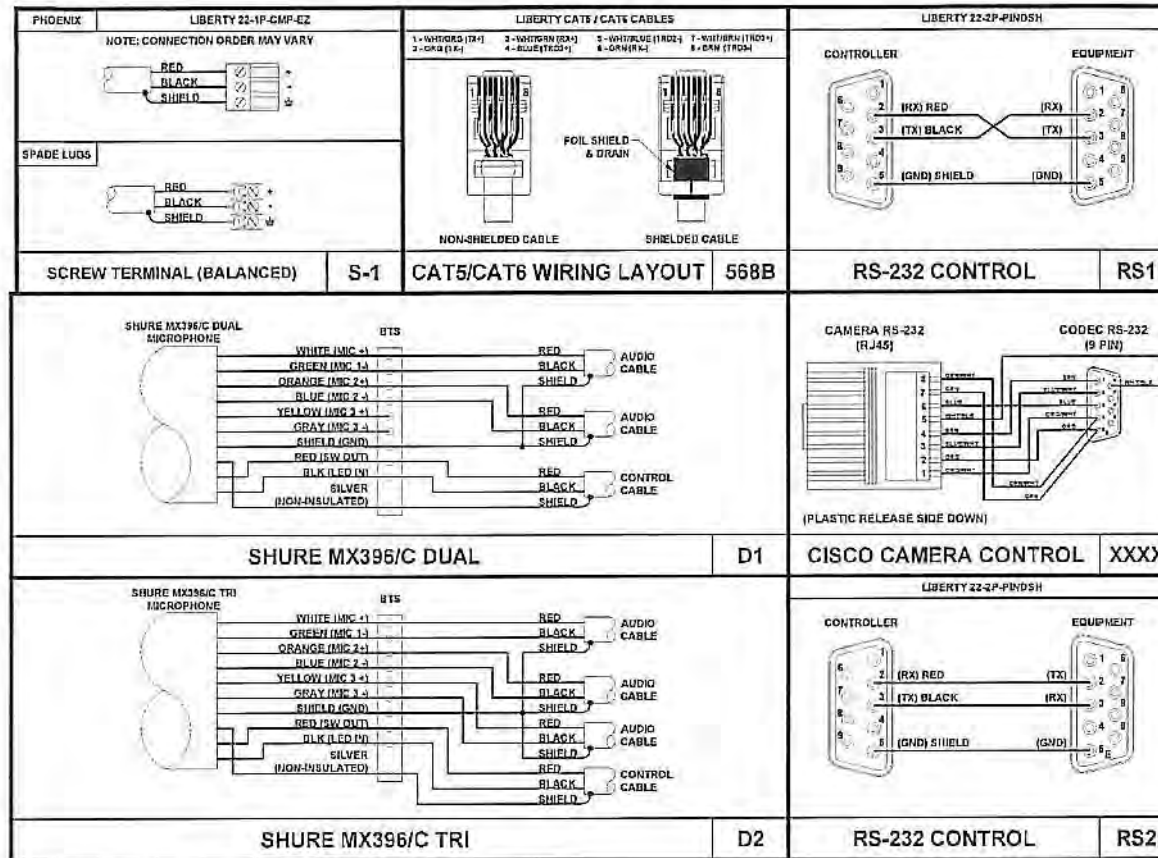


# CABLE TAG BREAK DOWN

SIGNAL	#	DETAIL
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SIGNAL	#
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DIGITAL VIDEO	DV	001
RGBHV	RGB	001
COMPONENT	YRB	001
S-VIDEO	SV	001
VIDEO	VID	001
RF	RF	001
FIBER	FIB	001
SPEAKER	S	001
USB	USB	001
IR	IR	001
POTS	TEL	001
LINK	LNK	001
POWER	PWR	001
MICROPHONE	M	001
LINE	L	001
INTERCOM	IC	001
CRESNET/AXLINK	NET	001
RS232/RS422/RS485	RS	001
SERIAL/IR	SER	001
I/O BIT	ID	001
CONTACT CLOSURE	CC	001
AVB	AVB	001
HDT	HDT	001
LAN	LAN	001



AV SYSTEM DESIGNED & ENGINEERED FOR:

**US DISTRICT COURT**

**MI EASTERN DISTRICT**  
231 W. LAFAYETTE BLVD  
DETROIT, MI 48226

- PROPOSAL
- SUBMITTAL
- PRELIMINARY
- INTEGRATION
- AS BUILT
- OTHER:

#	DATE	DESCRIPTION
1	2009/13	ADDED 2ND DUAL MIC & PUSHER
2	11/02/15	ADDED DRAWING (EQUIPMENT RACK)
3	11/02/15	ADDED TABLE LAYOUT
4	11/12/15	ADDED INTEGRATION DETAILS
5	11/12/15	INTEGRATION
6	10/11/15	AS BUILT

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CLIENT: US DISTRICT COURT
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ENGINEER: SD
DRAWER: R. DELANEY
CHECKED BY:
SCALE: N/A
SYSTEM ID #:
FILE SAVE AS: 01501_PLANS
PROJECT NAME:
<b>PROBATION CONFERENCE ROOM</b>
SHEET TITLE:
<b>CONNECTOR DETAILS</b>
DWG NUMBER:
<b>AV700</b>





AVI

DETROIT  
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PARKSTON HILLS, MI 48351  
PHONE: 248-457-4160 FAX: 248-857-4151  
www.avisystems.com

AV SYSTEM DESIGNED & ENGINEERED FOR:

### US DISTRICT COURT

MI EASTERN DISTRICT  
231 W. LAFAYETTE BLVD  
DETROIT, MI 48226

- PROPOSAL     INTEGRATION
- SUBMITTAL     AS BUILT
- PRELIMINARY     OTHER:

REVISIONS	
#	DATE / DESCRIPTION
1	05/20/05 ADDED 2ND DUAL MC & TUNER
2	11/02/05 ADDED SHARP/SCALER CI & PACS
3	11/02/05 ADDED TABLE LAYOUT
4	11/12/05 ADDED INTEGRATION DETAILS
REVISIONS	
5	10/14/05 INTEGRATION
6	10/14/05 AS BUILT

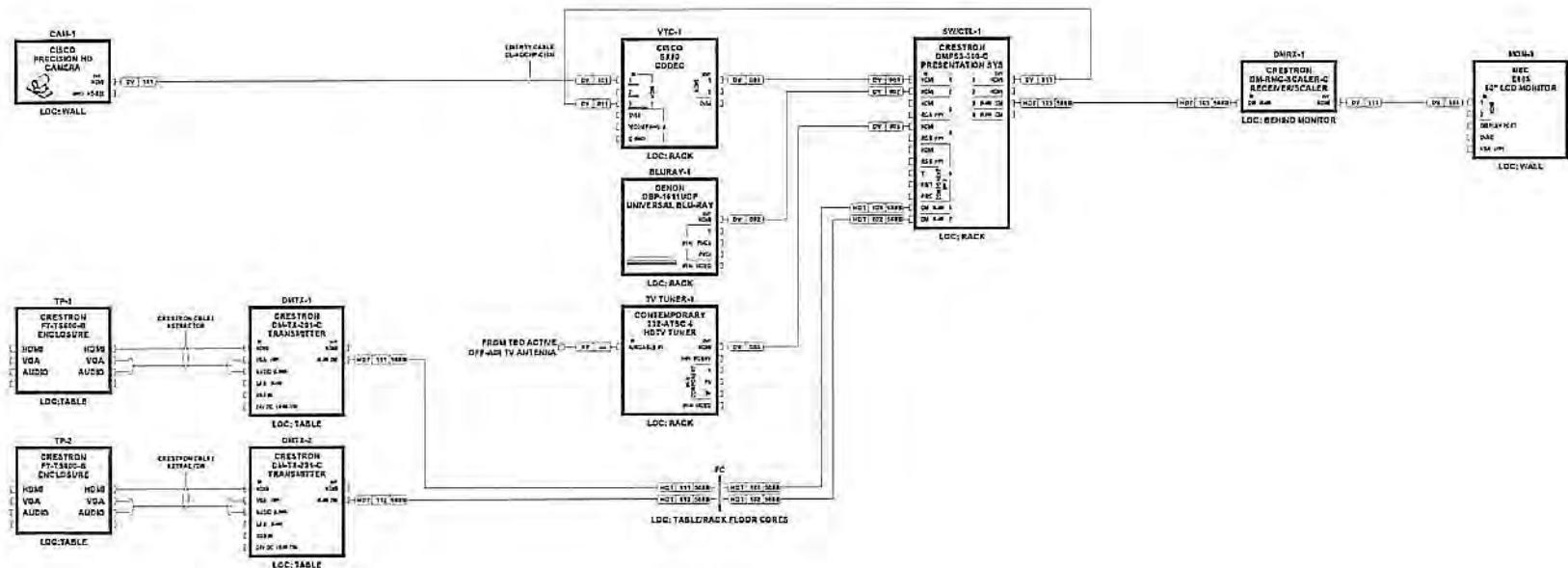
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 DRAFTER: A. DELANEY  
 CHECKED BY:  
 SCALE: NA  
 SYSTEM ID:  
 FILE NAME: AS-012331\_PLANS

PROJECT NAME:  
**PROBATION CONFERENCE ROOM**

SHEET TITLE:  
**VIDEO FLOW DIAGRAM**

DWG NUMBER:  
**AV701**





DETROIT

27280 HADDERTY ROAD, SUITE C2  
FARMINGTON HILLS, MI 48331  
PHONE: 248-337-4150 FAX: 248-337-4151  
www.avisystems.com

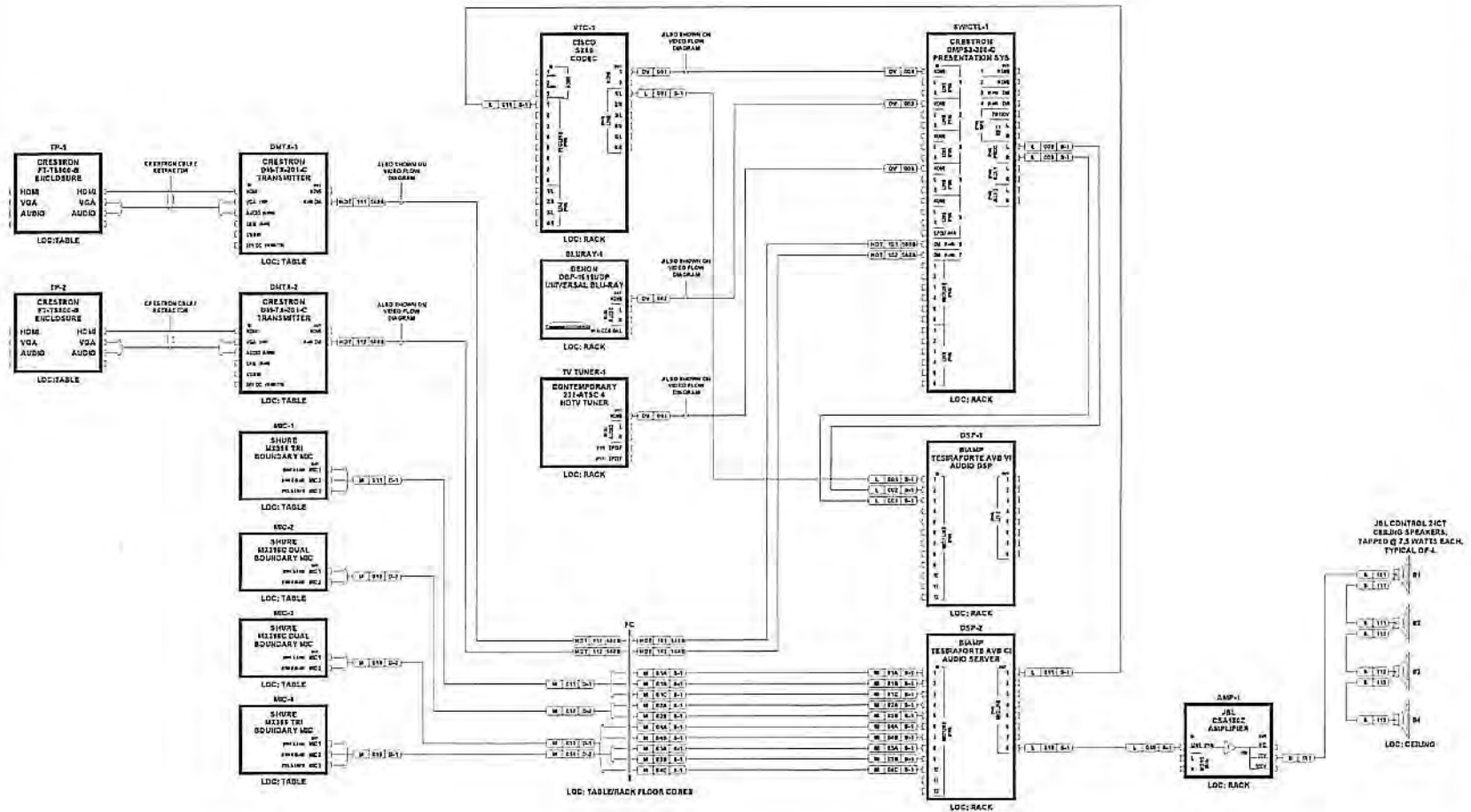
AV SYSTEM DESIGNED & ENGINEERED FOR:

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MI EASTERN DISTRICT  
231 W. LAFAYETTE BLVD  
DETROIT, MI 48226

- PROPOSAL
- SUBMITTAL
- PRELIMINARY
- INTEGRATION
- AS BUILT
- OTHER:

#	DATE	DESCRIPTION
1	09/20/15	ADDED 2ND DUAL VNC & TUNER
2	10/20/15	ADDED BIAPIPTERENA C&L RACK
3	11/20/15	ADDED TABLE LANDSCAPE
4	11/20/15	ADDED INTERCOM DETAILS
5	11/20/15	INTEGRATION
6	12/06/15	AS BUILT



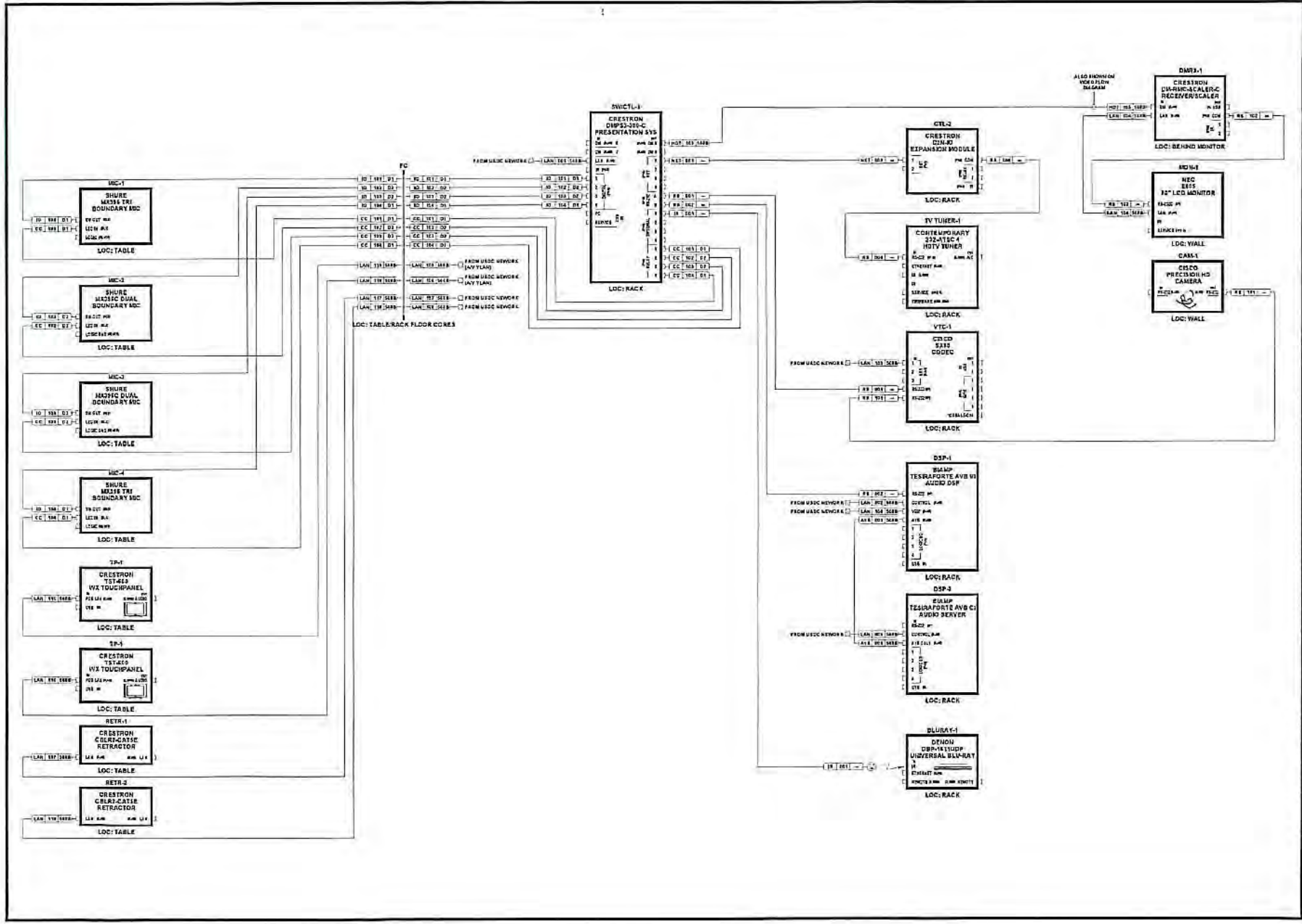
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CHECKED BY:  
SCALE: N/A  
SYSTEM ID #:  
FILE SAVE AS: 215211\_PLANS  
PROJECT NAME:

**PROBATION CONFERENCE ROOM**

SHEET TITLE:  
**AUDIO FLOW DIAGRAM**

DWG NUMBER:  
**AV702**



**DETROIT**

37550 HADGERRY ROAD, SUITE C2  
 FARMINGTON HILLS, MI 48331  
 PHONE: 248-857-4160 FAX: 248-857-4161  
 www.avisystems.com

AVI SYSTEMS DESIGNED & ENGINEERED FOR:

**US DISTRICT COURT**

MI EASTERN DISTRICT  
 231 W. LAFAYETTE BLVD  
 DETROIT, MI 48226



AVI

37269 HARGRETT ROAD, SUITE C3  
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AV SYSTEM DESIGNED & ENGINEERED FOR:

### US DISTRICT COURT

MI EASTERN DISTRICT  
231 W. LAFAYETTE BLVD  
DETROIT, MI 48226

- PROPOSAL     INTEGRATION
- SUBMITTAL     AS BUILT
- PRELIMINARY     OTHER:

REVISIONS

#	DATE	DESCRIPTION
1	09/24/15	ADDED 2ND DIAL MIC & TUNER
2	11/02/15	ADDED BIA/PTE/ERA C/A/R/C/E
3	11/25/15	ADDED TABLE LAYOUT
4	11/12/15	ADDED INTEGRATION DETAILS
5	11/18/15	INTEGRATION
6	11/18/15	AS BUILT

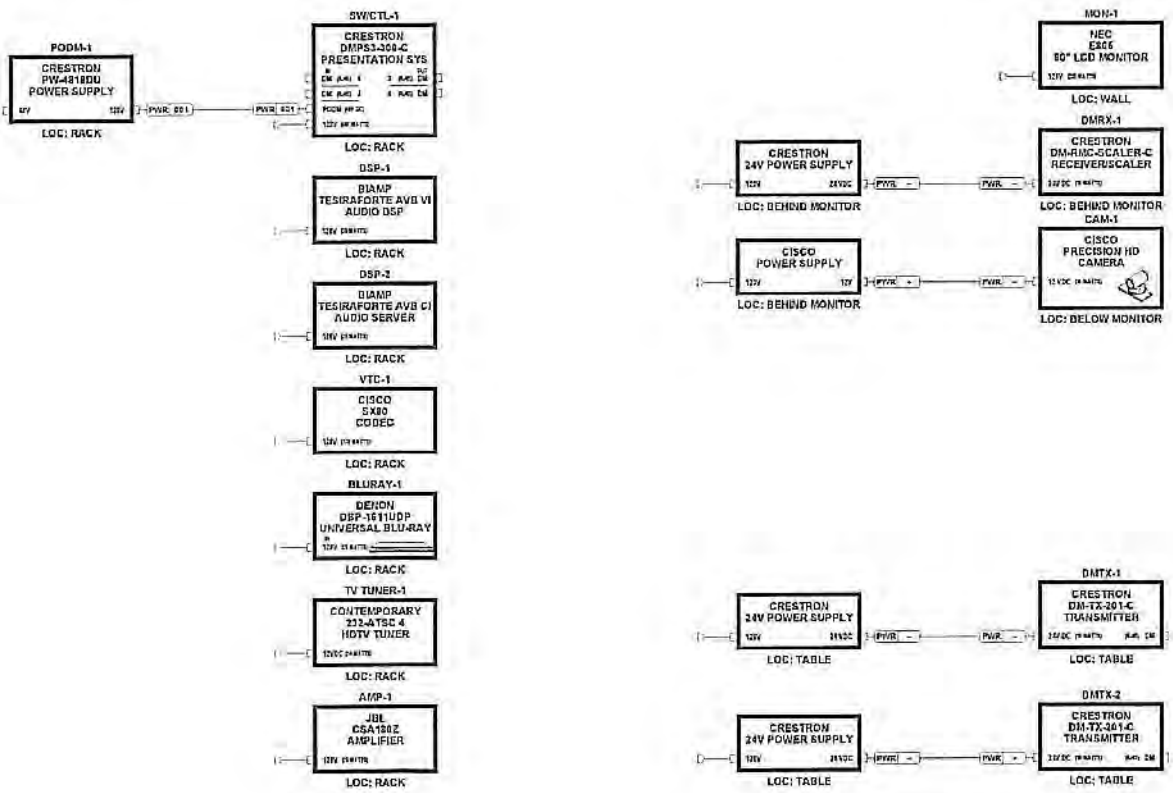
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ISSUE: AS BUILT  
 CLIENT: US DISTRICT COURT  
 PROJECT #: 151521  
 ENGINEER: SM  
 DRAFTER: R. DELANEY  
 CHECKED BY:  
 SCALE: N/A  
 SYSTEM ID #:  
 FILE SAVE AS: 151521\_PLAND

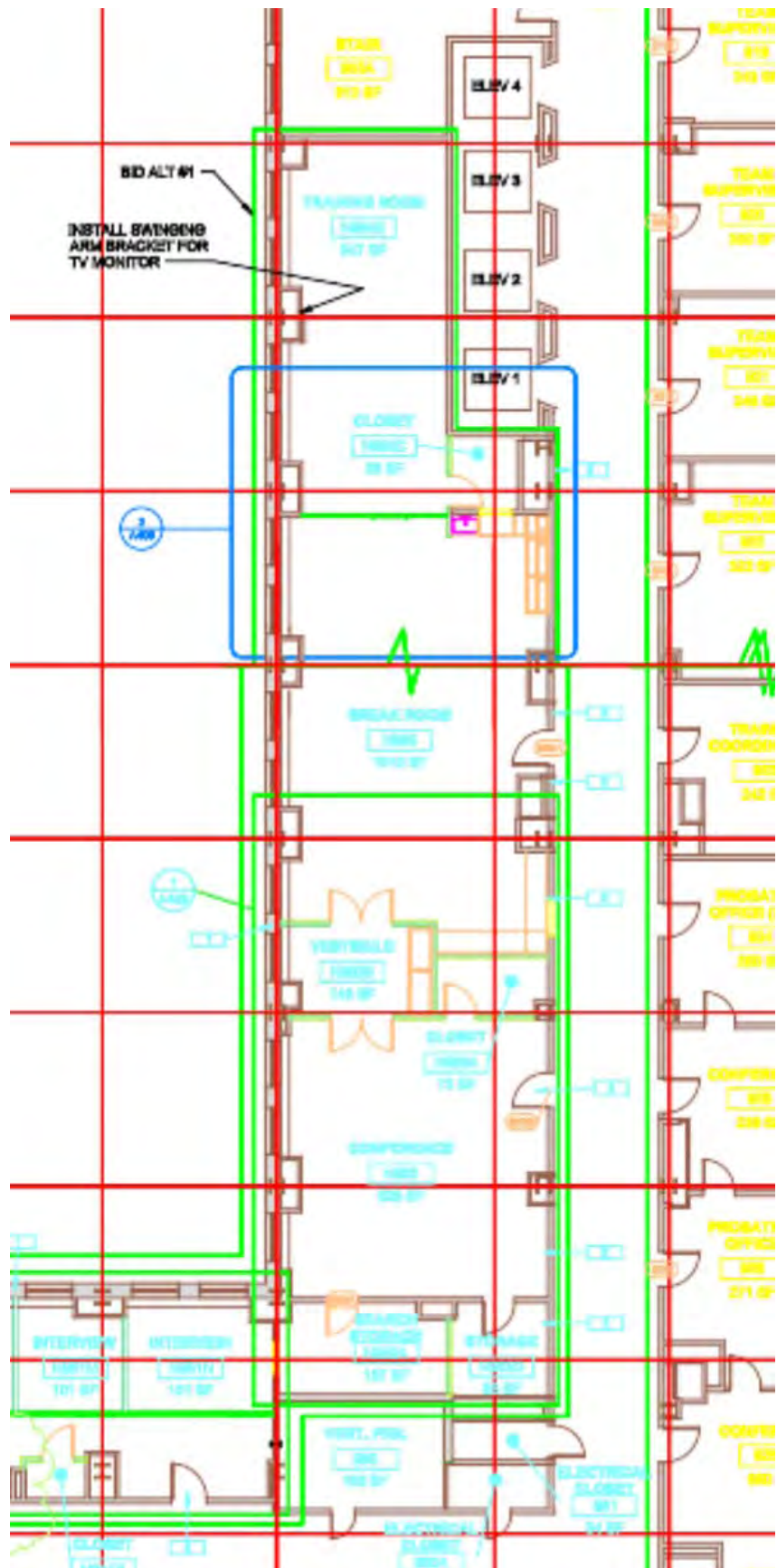
PROJECT NAME: PROBATION CONFERENCE ROOM

SHEET TITLE: POWER FLOW DIAGRAM

DWG NUMBER: AV704







TLUSCH Probation 9th Fir\_Training Area.dwg

